



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Guilford PERMIT NO.: 41-17 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P	<input checked="" type="checkbox"/>	FIRM		
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: 03/08/13

Date of Last Inspection: 10/26/11

FACILITY NAME AND ADDRESS:

A-1 Sandrock, Inc.
 2901 Bishop Road
 Greensboro, North Carolina, 27406

GPS COORDINATES: N: 35.99210 E: 79.84738

FACILITY CONTACT NAME AND PHONE NUMBER:

Ronnie E. Petty III
 Office: 336-855-8195
 Cell: 336-736-2104
 Mike McFeeley
 Cell: 336-301-8411
 e-mails:
 ronniepetty@a1sandrockinc.com
 mike@a1sandrockinc.com

FACILITY CONTACT ADDRESS:

A-1 Sandrock, Inc.
 2901 Bishop Road
 Greensboro, North Carolina, 27406

PARTICIPANTS:

Mike McFeeley, A-1 Sandrock
 Hugh Jernigan, North Carolina Solid Waste Section

STATUS OF PERMIT:

Original Permit to Construct, Phase 1: February 7, 2004
 Permit to Construct Modification: June 1, 2006
 Permit to Operate Phase 1, Cell A: April 17, 2009
 Permit to Operate Phase 1, Cells A&B: February 28, 2011
 Permit to Operate Phase 1, Cells A, B, C: November 27, 2012
Permit Expires: November 6, 2013

PURPOSE OF SITE VISIT:

Comprehensive Inspection

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STATUS OF PAST NOTED VIOLATIONS:

None

OBSERVED VIOLATIONS

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

1. The facility is a Construction and Demolition Landfill and Treatment and Processing facility.
2. The Construction and Demolition Landfill is regulated by 15A NCAC 13B, .0531-.0547 for all current operations and future landfill cell construction.
3. The initial Permit to Operate was issued on April 17, 2009 for Phase 1, Cell A (2.54 acres) of the Construction and Demolition Landfill.
4. The facility began receiving waste on April 20, 2009.
5. A Permit to Operate was issued November 27, 2012 for Phase 1, Cells A, B & C (addition of Cell C, 2.46 acres, total of 8.18 acres).
6. The Permit to Operate has an expiration date of November 6, 2013. **As per permit condition (Attachment 3, Part I (1)) the permittee must submit a request to the Section for permit review by May 6, 2013. The request should contain an updated Facility Plan and updated Operations Plan. The Facility Plan and Operations Plan should be thoroughly reviewed prior to submittal with pertinent revisions and updates.**
7. Conducted a review of the conditions of the Permit to Operate, Franchise Agreement, Facility Operational Records, and Facility Operations Plan.
8. The facility has an active franchise agreement with Guilford County, initially issued November 6, 2003 and amended January 8, 2009. The franchise agreement renewal date is November 6, 2013.
9. The facility is approved to accept up to 300 tons per day or 84,000 tons per year based on 5.5 day working week and 52 weeks per year.
10. The facility landfilled 40,479.24 tons of waste during the reporting period July 2011-June 2012.
11. A recycling process to reclaim at least ten percent (10%) of the waste received is required of the facility in accordance with the approved franchise agreement (dated November 6, 2003 and amended March 17, 2009) with Guilford County.
12. The facility is permitted to receive waste generated in counties within a fifty (50) mile radius of the site as approved in the franchise agreement with Guilford County, including Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Durham, Forsyth, Guilford, Lee, Montgomery, Moore, Orange, Person, Randolph, Rockingham, Rowan, Stanly, Stokes, Surry, and Yadkin counties.
13. Financial Assurance documentation has been submitted and approved by the Solid Waste Section.
14. Reviewed operator training records for the facility. The following have approved SWANA certifications: Mike McFeeley, Certified Landfill Manager, expiration date-February 22, 2014; Ronald Petty, Certified Landfill Manager, expiration date-June 10, 2014; James Swaney, Certified Landfill Operations Specialist, expiration date -October 8, 2013.
15. The facility has an approved NPDES Storm Water permit, and has been recently inspected by the Aquifer Protection Section.
16. The facility has an active mining permit (North Carolina Mining Permit 41-22) issued by Land Quality.

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17. Reviewed the Surface Water/Ground Water/Landfill Gas monitoring program (5 ground water monitoring wells, 4 surface water monitoring locations and 7 landfill gas probes).
18. Reviewed the semiannual ground water/surface water monitoring report for the sampling event conducted on November 15-16, 2012.
19. Landfill gas monitoring is conducted quarterly by Golder Associates utilizing a GEM 2000 Plus monitor. Reviewed the November 6, 2012 landfill gas monitoring reports. No methane was detected at landfill monitoring locations or facility structures. **Note: Manufacturer's and field calibration data should be included in the quarterly landfill gas monitoring reports.**
20. As per the approved Operations Plan, the facility maintains and documents activities on an Operation and Maintenance (O&M) Checklist. Documentation of daily, weekly, monthly, and semi-annual action items as listed in the approved Operational Plan is included on the O&M Checklist.
21. The facility is currently accepting an average of approximately 200-300 tons per day of Construction and Demolition waste.
22. Based on tonnage records, the facility received 7,194.63 tons during the month of January 2013. Most waste received at the facility was generated in Guilford County (approximately 6,060 tons), the remainder of the waste was received from Forsyth (162 tons) Durham (942 tons) and Orange (31 tons) Counties.
23. Outgoing materials from processing operations during the same period included approximately 165.63 tons of processed concrete and aggregate, 22.42 tons of cardboard, and 98.96 tons of metals.
24. Proper signage for the facility was observed.
25. Observed Construction and Demolition Landfill operations and Treatment and Processing operations.
26. Currently landfill operations are being conducted in the Cell C area.
27. The working face of the C&D Landfill was small, well defined, and well compacted.
28. Excellent cover from previous daily operations.
29. Landfill disposal operations are being conducted in a manner to maximize storm water run-off and minimize potential storm water infiltration in the disposal areas.
30. Active sorting of recyclables was being conducted on the C&D Landfill, and the picking line was in operation at the time of the inspection. **Note: Incoming waste stockpile for processing on the picking line should be maintained at a minimal level at all times.**
31. Materials current being separated and processed include wood products for boiler fuels and mulch, earthen inert materials (rock, stone, concrete..for processing into aggregate), metals, shingles, and cardboard.
32. Processing (tipping, sorting, loading of recyclables) from incoming C&D waste is conducted within the footprint of the C&D Landfill at a minimum of 50 feet from the working face.
33. The Treatment and Processing of C&D waste and collected recyclable materials are being stored in containers or stockpiled as per the approved Operations Plan.
34. Grinding of concrete for aggregate is being conducted as approved in the facility Operations Plan.
35. Windblown materials are effectively controlled and collected. A litter control fence has been constructed around the periphery of the active landfill area.
36. Seeding of the landfill side slopes has been conducted and vegetative cover has been established.
37. Observed facility monitoring wells. Note: All monitoring well are to be locked at all times, except during scheduled sampling events.
38. The Treatment and Processing operations are separated into C&D and LCID components.
39. LCID materials are not to be combined with other materials prior to being processed. C&D and similar LCID materials may be combined for final processing (such as wood waste to be ground for boiler fuels and inert debris to be crushed for aggregate).
40. Sedimentation basins in place, and maintained with adequate retention space. No on-site or off-site erosion observed.

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- 41. Adequate all weather roads have been constructed for ingress and egress at the facility. The facility has a water truck for dust control.
- 42. Edge of waste boundary markers are in place for the Phase 1 landfill areas. Edge of waste boundary markers are to be maintained at all times for all landfill areas permitted to receive waste.

Please contact me if you have any questions or concerns regarding this inspection report.



Environmental Senior Specialist
Regional Representative

Phone: 336-771-5093

Sent on: 03/14/13	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. <u> </u>
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Copies: Jason Watkins, Western District Supervisor
Jessica Montie, Compliance Officer